S AND BEVERAGES
426/29
5
186. ALCOHOL.
Mashing-
Hops.
51
1861
(1)
RECORDED

A.D. 1861, *2nd January.* N° 11.

Brewing and Distilling.

hops

(*This Invention received Provisional Protection only.*)

PROVISIONAL SPECIFICATION left by Elizabeth Burton West at the Office of the Commissioners of Patents, with her Petition, on the 2nd January 1861.—A communication from abroad by Edward Felix Andrews, Gentleman, Versailles, France.

I, Elizabeth Burton West, of 24, Longford Terrace, County of Dublin, do hereby declare the nature of the said Invention for "Improvements in the Processes of Making Worts and Washes in Brewing and Distilling and in Combination and Adaptation of Apparatus connected with the same, and for Novel Apparatus connected with the same," to be as follows:—

My said improvements consist in making worts and washes from materials used for these purposes, malt, grain, &c., by a new and improved process herein-after mentioned, which embraces the making of the worts or washes, washing out of the goods, grains, and hops, and the hopping and boiling of the worts so made, and which process is carried out by means of novel combination and adaptation of apparatus for that purpose, and of novel apparatus for the same. I stew the malt or other materials without any washings, as at present followed, at a regular progressive heat in and commencing with liquor so low in temperature as from about 60 degrees Fahrenheit to about blood warm, and carry out this stewing process by means of apparatus of the nature of a hot hearth or hot plate, combined with and adapted to my improved stewing copper or vessel; I also adapt to and combine my new hot hearth or hot plate apparatus with my improved wort copper or vessel, and I stew the hops instead of boiling them, and boil the worts and strain and wash out, and press the

goods, grains, and hops, and prevent evaporation during the stewing processes in and by means of my improved stewing and wort coppers or vessels herein-after referred to in combination with my hot hearth or hot plate apparatus herein-before mentioned, and also in combination with my floating covers, pressers, strainers, and weights, also herein-after referred to.

My improved stewing and wort coppers or vessels consist of copper pans or vessels of any suitable material for heating, and which may be made of different shapes, according to circumstances, generally concave at the bottom, but fitted and adapted to a hot hearth or hot plate apparatus, as herein-before referred to, and also containing strainers for straining the goods, grains, and hops, and also fitted with novel pressing apparatus of the nature of plates of metal or wood, combined with weights, the whole arranged so as to let down and fit into the said coppers or vessels, and also provided with floating covers made to fit inside, and arranged so as to let down into the said coppers or vessels, and float upon the surface of the liquor contained therein, the said covers being made to suit the shape of the vessel to which they are applied. Ordinary brewer's and distiller's grists either ground or crushed, and either finely or coarsely ground are generally and equally applicable to and used in the making of worts and washes by the herein mentioned process and apparatus.

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